查询WT201供应商

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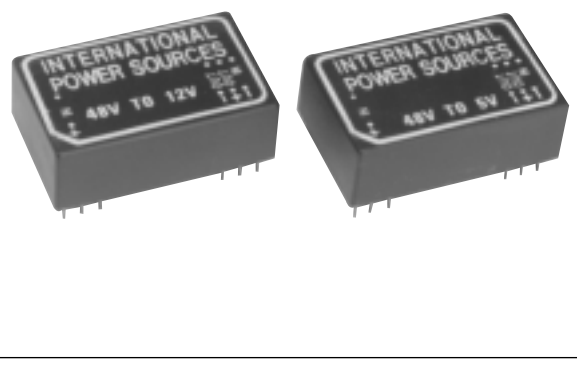
XPiQ inc.

Intelligent Design Quality Product

International Power Sources, Inc.

5 Watts
WT Series



- 2:1 Input Range
- Isolated Outputs
- Efficiency to 82%
- Input π Filter
- Fully Regulated Outputs
- Optional 3k VDC Isolation

Specification

All specifications typical at nominal line, full load and 25°C

Input

Input Voltage Range	•	*See Table*
Input Filter	•	*π Network*

Output

Voltage Accuracy	•	*±3% max.*
Line Regulation (Full Input Range)	•	*±1% max.*
Load Regulation (1/4 Full Load)	•	*±2.5% max.*
Ripple & Noise (DC-20MHz)	•	*1% of Vout p-p max.*
Temperature Coefficient	•	*±0.05%/°C max.*
Short Circuit Protection	•	*Indefinite*

General

Switching Frequency	•	*100 kHz*
Efficiency	•	*See Table*
Isolation (Input-Output)	•	*500 VDC/3000 VDC* (1000 Mohm/80pF)*

Environmental

Operating Temperature	•	*-25°C to +71°C*
Storage Temperature	•	*-55°C to +105°C*

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OUTPUT VOLTAGE & CURRENT RATINGS — WT

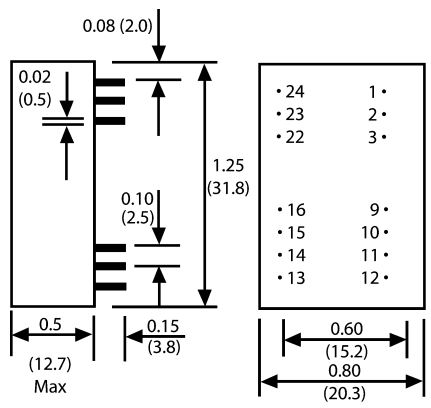
Model	Input Voltage	Output Voltage	Output Current	Input Current		% Efficiency
				No Load	Full Load	
WT201	9-18 VDC	5 VDC	1000 mA	25 mA	545 mA	76
WT202	9-18 VDC	12 VDC	470 mA	25 mA	585 mA	80
WT203	9-18 VDC	15 VDC	400 mA	25 mA	625 mA	80
WT204	9-18 VDC	±5 VDC	±500 mA	68 mA	630 mA	66
WT205	9-18 VDC	±12 VDC	±230 mA	25 mA	575 mA	80
WT206	9-18 VDC	±15 VDC	±190 mA	25 mA	590 mA	80
WT301	18-36 VDC	5 VDC	1000 mA	15 mA	265 mA	78
WT302	18-36 VDC	12 VDC	470 mA	15 mA	285 mA	82
WT303	18-36 VDC	15 VDC	400 mA	15 mA	305 mA	82
WT304	18-36 VDC	±5 VDC	±500 mA	35 mA	300 mA	70
WT305	18-36 VDC	±12 VDC	±230 mA	15 mA	285 mA	81
WT306	18-36 VDC	±15 VDC	±190 mA	15 mA	295 mA	81
WT401	36-72 VDC	5 VDC	1000 mA	10 mA	130 mA	80
WT402	36-72 VDC	12 VDC	470 mA	10 mA	143 mA	82
WT403	36-72 VDC	15 VDC	400 mA	10 mA	152 mA	82
WT404	36-72 VDC	±5 VDC	±500 mA	10 mA	160 mA	65
WT405	36-72 VDC	±12 VDC	±230 mA	10 mA	140 mA	82
WT406	36-72 VDC	±15 VDC	±190 mA	10 mA	145 mA	82

Notes

Nominal Input Voltage 12, 24, or 48 VDC.

For optional 4:1 input range:
9-36VDC: add suffix “A” to WT200 series.
20-72VDC: add suffix “A” to WT300 series.

Mechanical Details



(Bottom View)

PIN	SINGLE OUTPUT	DUAL OUTPUT
1	+ V Input	+ V Input
2	No Connection	– V Output
3	No Connection	Common
10	– V Output	Common
11	+ V Output	+ V Output
12	– V Input	– V Input
13	– V Input	– V Input
14	+ V Output	+ V Output
15	– V Output	Common
22	No Connection	Common
23	No Connection	– V Output
24	+ V Input	+ V Input

PIN	SINGLE OUTPUT	DUAL OUTPUT
1	No Pin	No Pin
2	– V Input	– V Input
3	– V Input	– V Input
9	No Connection	Common
10	No Connection	No Connection
11	No Connection	– V Output
12	No Pin	No Pin
13	No Pin	No Pin
14	+ V Output	+ V Output
15	No Connection	No Connection
16	– V Output	Common
22	+ V Input	+ V Input
23	+ V Input	+ V Input
24	No Pin	No Pin

Alternate Pin Out
3000 VDC Isolation
Suffix “X”
Dimensions in inches (mm)
Specifications subject to change.
* 3000 VDC on “X” Package

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